

## INTERNATIONAL SEARCH REPORT

Intern al Application No  
PCT/NL2004/000641

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01L5/00 G06F15/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01M G01L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	US 2002/057856 A1 (BAILEY ET AL) 16 May 2002 (2002-05-16) column 2, paragraph 16 - paragraph 17; claims 1-7,16; figure 1 column 3, line 52 - line 65	1-13
A	US 5 952 587 A (RHODES ET AL) 14 September 1999 (1999-09-14) claim 1; figures 2b,9	1-13
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☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

8 April 2005

Date of mailing of the international search report

19/04/2005

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl.  
Fax: (+31-70) 340-3016

Authorized officer

Mucs, A

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	<p>ALGUINDIGUE I E ET AL: "MONITORING AND DIAGNOSIS OF ROLLING ELEMENT BEARINGS USING ARTIFICIAL NEURAL NETWORKS" IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, IEEE INC. NEW YORK, US, vol. 40, no. 2, 1 April 1993 (1993-04-01), pages 209-216, XP000387380 ISSN: 0278-0046 page 215, right-hand column, line 1 - page 216, left-hand column, line 22 -----</p>	1

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Information on patent family members

Intern Application No  
PCT/NL2004/000641

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002057856 A1	16-05-2002	JP 2003050169 A	21-02-2003
US 5952587 A	14-09-1999	DE 19937203 A1	09-03-2000
		SE 518087 C2	27-08-2002
		SE 9902853 A	07-02-2000